

Form 1449 (Modified)**Information Disclosure
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No. AFFYP016C1
 Application No.: Unassigned
 Inventor ROBERT J. LIPSHUTZ
 Group 1656
 Filing Date Herewith

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 09/939119
 08/24/01

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>M</i>	1	5,002,867	03/26/91	Macevicz	435	6	
	2	5,143,854	09/01/92	Pirrung et al.	436	518	
	3	5,202,231	04/13/93	Drmanac	435	6	
	4	5,242,974	09/07/93	Holmes	525	54.11	
	5	5,252,743	10/12/93	Barrett et al.	548	303.7	
	6	5,264,565	11/23/93	England et al.	536	234	
	7	5,270,170	12/14/93	Schatz et al.	435	7.37	
	8	5,302,707	04/12/94	Campbell et al.	536	25.33	
	9	5,324,633	06/28/94	Fodor et al.	435	6	
	10	5,338,665	08/16/94	Schatz et al.	435	6	
	11	5,359,115	10/25/94	Campbell et al.	558	110	
<i>M</i>	12	5,362,899	11/08/94	Campbell	558	108	

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
<i>M</i>	13	89/10977	11/16/89	WIPO			X	
	14	90/15070	12/13/90	WIPO			X	
	15	91/07087	05/30/91	WIPO			X	
	16	2,036,946	10/07/91	Canada			X	
	17	92/04470	03/19/92	WIPO			X	
<i>M</i>	18	92/10092	06/25/92	WIPO			X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
Examiner	<i>Qu Au</i>	Date Considered 1/31/03

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	AFFYP016C1
	Application No.:	Unassigned 09/139,119
	Inventor	ROBERT J. LIPSHUTZ et al.
	Group	1656
	Filing Date	Herewith

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>W</i>	19	5,384,261	01/24/95	Winkler et al.	436	518	
	20	5,405,783	04/11/95	Pirrung et al.	436	518	
	21	5,412,087	05/02/95	McGall et al.	536	24.3	
	22	5,420,328	05/30/95	Campbell	558	110	
	23	5,424,186	06/13/95	Fodor et al.	435	6	
	24	5,427,908	06/27/95	Dower et al.	435	5	
	25	5,432,018	07/11/95	Dower et al.	435	5	
	26	5,445,934	08/29/95	Fodor et al.	435	6	
	27	5,451,683	09/19/95	Barrett et al.	548	302.7	
	28	5,482,867	01/09/96	Barrett et al.	436	518	
	29	5,489,678	02/06/96	Fodor et al.	536	22.1	
<i>W</i>	30	5,491,074	02/13/96	Aldwin et al.	435	69.7	

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
<i>W</i>	31	92/10588	06/25/92	WIPO			X	
	32	93/09668	05/27/93	WIPO			X	
	33	93/10161	05/27/93	WIPO			X	
	34	93/15224	08/05/93	WIPO			X	
	35	93/22694	11/11/93	WIPO			X	
<i>W</i>	36	94/10128	05/11/94	WIPO			X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
Examiner	<i>Ger W</i>	Date Considered <i>1/31/03</i>

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	Application No.:	Unassigned 09/39,119
	Inventor	ROBERT J. LIPSHUTZ et al.
	Group	1656
	Filing Date	August 23, 2001

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
W	37	5,498,530	03/12/96	Schatz et al.	435	69.1	
	38	5,503,805	04/02/96	Sugarman et al.	422	131	
	39	5,510,270	04/23/96	Fodor et al.	436	518	
	40	5,527,670	06/18/96	Stanley			
	41	5,527,681	06/18/96	Holmes	435	6	
	42	5,541,061	07/30/96	Fodor et al.	435	6	
	43	5,545,531	08/13/96	Rava et al.	435	6	
	44	5,547,839	08/20/96	Dower et al.	435	6	
	45	5,550,215	08/27/96	Holmes	530	334	
	46	5,556,752	09/17/96	Lockhart et al.	435	6	
	47	5,571,639	11/05/96	Hubbell et al.	430	5	
W	48	5,578,832	11/26/96	Trulson et al.	250	458.1	

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
W	49	94/28173	12/08/94	WIPO			X	
	50	95/00530	01/05/95	WIPO			X	
	51	95/11995	05/04/95	WIPO			X	
	52	95/22058	08/17/95	WIPO			X	
	53	95/25177	09/21/95	WIPO			X	
W	54	95/33846	12/14/95	WIPO			X	

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Examiner	W	Date Considered 1/31/03

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	AFFYP0161C
	Application No.:	Unassigned-09/939,119
	Inventor	ROBERT J. LIPSHUTZ et al.
	Group	1656
	Filing Date	Herewith

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
U	55	5,593,839	01/14/97	Hubbell et al.	435	6	
	56	5,599,695	02/04/97	Pease et al.	435	91.1	
	57	5,607,832	03/04/97	Stanley et al.	435	6	
	58	5,624,711	04/29/97	Sundberg et al.	427	261	
U	59	5,631,734	05/20/97	Stern et al.	356	317	

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
U	60	97/23357	01/23/97	WIPO	?	?	X	
	61	97/10365	03/20/97	WIPO	?	?	X	
	62	97/12063	04/03/97	WIPO	?	?	X	
	63	97/27317	07/31/97	WIPO	?	?	X	
U	64	97/29212	08/14/97	WIPO	?	?	X	

Other Documents

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Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
2	65	Brenner et al. "DNA fingerprinting by sampled sequencing" Proc. Natl. Acad. Sci. USA 86:8902-8906. (1989)
	66	Fodor et al. "Light-Directed, Spatially Addressable Parallel Chemical Synthesis" Science 251:767-777. (1991)
	67	Hoheisel "Application of hybridization techniques to genome mapping and sequencing" Trends in Genetics 10(3):79-83. (1994)
	68	Hotelling, Harold "Analysis of a Complex of Statistical Variables into Principal Components," The Journal of Educational Psychology, Volume 26, pp. 417-441. (1933)
	69	Hotelling, Harold "Analysis of a Complex of Statistical Variables into Principal Components," The Journal of Educational Psychology, Volume 26, pp. 498-520. (1933)
	70	Hotelling, Harold "Simplified Calculation of Principal Components," Psychometrika, Volume 1, Number 1, pp. 27-35. (1936)
	71	Pearson, Karl "On lines and Planes of Closest Fit to Systems of Points in Space," in The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science, Volume 2, Sixth Series, July-December 1901, pp. 559-572. (1901)
	72	Pease et al. "Light-generated oligonucleotide arrays for rapid DNA sequence analysis" Proc. Natl. Acad. Sci. USA 91:5022-5026. (1994)
	73	Sapolsky et al. "Mapping genomic library clones using oligonucleotide arrays" Hilton Head Conference, So. Carolina. (Sept. 17-21, 1994)
	74	Smith "Ligation-mediated PCR of restriction fragments from large DNA molecules" PCR Methods and Applications 2:21-27. (1992)
	75	Szybalski et al. "Class-II restriction enzymes: A review" Gene 100:13-26. (1991)
	76	Szybalski "Universal restriction endonucleases: Designing novel cleavage specificities by combining adapter oligo-deoxynucleotide and enzyme moieties" Gene 40:169-173. (1985)
u	77	Unrau et al. "Non-cloning amplification of specific DNA from whole genomic DNA digests using DNA indexers" Gene 145:163-169. (1994)
Examiner <i>[Signature]</i>		Date Considered 1/31/03

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
M	78	5690,894	11/25/97	Pinkel et al.	422	68.1	
M	79	5,795,716	08/18/98	Chee et al.	435	6	

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
M	80	89/10977	11/16/89	WIPO			X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
M	81	Matthews et al. "Review. Analytical Strategies for the Use of DNA Probes" Analytical Biochemistry, Vol. 169, pp. 1-25. (1988)
	82	Southern et al. "Analyzing and comparing nucleic acid sequences by hybridization to arrays of oligonucleotides: Evaluation using experimental models" Genomics Vol. 13, pp. 1008-1017. (1992)
M	83	Lipshutz et al. "Using oligonucleotide probe arrays to access genetic diversity" Biotechniques, Vol. 19, No. 3, pp. 442-447. (1995)
Examiner	Date Considered 1/31/03	

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